10,384583

I hereby certify that on June 26, 2006, which is Applicant: LEE, Kyu Hyun et al. the date I am signing this certificate, I am depositing this correspondence and identified attachments with the U.S. Postal Service, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Serial No.: N/A Filed: June 26, 2006 Confirmation No.: N/A

Title: "THERAPEUTIC AGENT FOR

TREATMENT OF CANCER **COMPRISING HUMAN** 

**APOLIPOPROTEIN (A) KRINGLES** LK68 OR LK8 GENES AS EFFECTIVE INGREDIENT, AND METHOD FOR TREATING CANCER USING THE

SAME"

Examiner: N/A Art Unit: N/A

Attorney Docket No.: 58049-00032

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed below and on the attached forms PTO/SB/08A and PTO/SB/08B (substitutes for form 1449/PTO) are being brought to the attention of the Examiner for consideration in connection with the examination of the aboveidentified patent application. The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), as an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Copies of the cited documents are enclosed.

#### English Language Non-patent Documents:

SCHULTER et al., "IMPACT OF APOLIPOPROTEIN(a) ON IN VITRO ANGIOGENESIS."

# ARTERIOSCLER THROMB VASC BIOL. 21:433-438 (2001)

ASSMANN et al., "HYPERTRIGLYCERIDEMIA AND ELEVATED LIPOPROTEIN(a) ARE RISK FACTORS FOR MAJOR CORONARY EVENTS IN MIDDLE-AGED MEN," Am J Cardiol 77:1179-1184 (1996)

FLESS et al., "PHYSICOCHEMICAL PROPERTIES OF APOLIPOPROTEIN(a) AND LIPOPROTEIN(a-) DERVICED FROM THE DISSOCIATION OF HUMAN PLASMA LIPOPROTEIN (a)," Journal of Biological Chemistry 261(19):8712-8718 (1986)

ARMSTRONG et al., "THE ASSOCIATION BETWEEN SERUM Lp(a) CONCENTRATIONS AND ANGIOGRAPHICALLY ASSESSED CORONARY ATHEROSCLEROSIS," Atherosclerosis 62:249-257 (1986)

LEE et al., "ADENO-ASSOCIATED VIRUS-MEDIATED EXPRESSION OF APOLIPOPROTEIN (a) KRINGLES SUPPRESSES HEPATOCELLULAR CARCINOMA GROWTH IN MICE," Hepatology 43:1063-1073 (2006)

TRIEU and UCKUN, "APOLIPOPROTEIN(a), A LINK BETWEEN ATHEROSCLEROSIS AND TUMOR ANGIOGENESIS," Biochemical and Biophysical Research Communications 257:714-718 (1999)

#### Foreign Language Document:

# KR 10-2003-0010797 Aug. 27, 2004

It is respectfully requested that the Examiner indicate consideration of the cited references by returning copies of the attached forms PTO/SB/08A and PTO/SB/08B (substitutes for form 1449/PTO) with initials or other appropriate marks, and that the references be made of record as cited references in the application.

This Information Disclosure Statement is being filed within three (3) months of the filing date of the above-identified application and before the mailing date of a first Office Action on the merits in the above-identified case. Therefore, it is believed that no fee is required in connection with the filing of this Information Disclosure Statement.

However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge JHK Law's Deposit Account No. 502486 for such fees required under 37 CFR §§ 1.16 and 1.17 and to credit any overpayment to said Deposit Account No. 502486.

Respectfully submitted,

June 26, 2006

Date

Joseph Hyosuk Kim, Ph.D.

Reg. No. 41,425

Attorney for Applicants

JHK Law

P.O. Box 1078

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PTO/SB/08B (08-03)

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Substitute for form 1449/PTO		Complete if Known			
			Application Number	NA *- 2 3 3 3	
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STATEMENT BY APPLICANT		First Named Inventor	LEE, Kyu Hyun		
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Sheet 1	of	1	Attorney Docket Number	58049-00032	

	NON PATENT LITERATURE DOCUMENTS	
Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
C1	SCHULTER et al., "IMPACT OF APOLIPOPROTEIN(a) ON IN VITRO ANGIOGENESIS," ARTERIOSCLER THROMB VASC BIOL. 21:433-438 (2001)	
C2	ASSMANN et al., "HYPERTRIGLYCERIDEMIA AND ELEVATED LIPOPROTEIN(a) ARE RISK FACTORS FOR MAJOR CORONARY EVENTS IN MIDDLE-AGED MEN," Am J Cardiol 77:1179-1184 (1996)	
С3	FLESS et al., "PHYSICOCHEMICAL PROPERTIES OF APOLIPOPROTEIN(a) AND LIPOPROTEIN(a-) DERVICED FROM THE DISSOCIATION OF HUMAN PLASMA LIPOPROTEIN (a)," Journal of Biological Chemistry 261(19):8712-8718 (1986)	
C4	ARMSTRONG et al., "THE ASSOCIATION BETWEEN SERUM Lp(a) CONCENTRATIONS AND ANGIOGRAPHICALLY ASSESSED CORONARY ATHEROSCLEROSIS," Atherosclerosis 62:249-257 (1986)	
C5	LEE et al., "ADENO-ASSOCIATED VIRUS-MEDIATED EXPRESSION OF APOLIPOPROTEIN (a) KRINGLES SUPPRESSES HEPATOCELLULAR CARCINOMA GROWTH IN MICE," Hepatology 43:1063-1073 (2006)	
C6	TRIEU and UCKUN, "APOLIPOPROTEIN(a), A LINK BETWEEN ATHEROSCLEROSIS AND TUMOR ANGIOGENESIS," Biochemical and Biophysical Research Communications 257:714-718 (1999)	
	C1 C2 C3 C4 C5	Cite No. 1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  C1 SCHULTER et al., "IMPACT OF APOLIPOPROTEIN(a) ON IN VITRO ANGIOGENESIS," ARTERIOSCLER THROMB VASC BIOL. 21:433-438 (2001)  C2 ASSMANN et al., "HYPERTRIGLYCERIDEMIA AND ELEVATED LIPOPROTEIN(a) ARE RISK FACTORS FOR MAJOR CORONARY EVENTS IN MIDDLE-AGED MEN," Am J Cardiol 77:1179-1184 (1996)  C3 FLESS et al., "PHYSICOCHEMICAL PROPERTIES OF APOLIPOPROTEIN(a) AND LIPOPROTEIN(a-) DERVICED FROM THE DISSOCIATION OF HUMAN PLASMA LIPOPROTEIN (a)," Journal of Biological Chemistry 261(19):8712-8718 (1986)  C4 ARMSTRONG et al., "THE ASSOCIATION BETWEEN SERUM Lp(a) CONCENTRATIONS AND ANGIOGRAPHICALLY ASSESSED CORONARY ATHEROSCLEROSIS," Atherosclerosis 62:249-257 (1986)  C5 LEE et al., "ADENO-ASSOCIATED VIRUS-MEDIATED EXPRESSION OF APOLIPOPROTEIN (a) KRINGLES SUPPRESSES HEPATOCELLULAR CARCINOMA GROWTH IN MICE," Hepatology 43:1063-1073 (2006)  TRIEU and UCKUN, "APOLIPOPROTEIN(a), A LINK BETWEEN ATHEROSCLEROSIS AND TUMOR

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO			Complete if Known		
			Application Number	NAKSONSOS	
IN	ECOMATION DIS	CLOSUDE	Filing Date	Herewith	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			First Named Inventor	LEE, Kyu Hyun	
			Art Unit	N/A	
(Use as many sheets as necessary)		Examiner Name	N/A		
Sheet	1 of 1		Attorney Docket Number	58049-00032	

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or     Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
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		FORE	IGN PATENT DOCL	MENTS		
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			Of Relevant Figures Appear	'
	B1	KR 10-2003-0010797	08-27-2004	YOO et al	Whole Document	<b>✓</b>

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Signature	l c	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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